

# Recombinant Immunoglobulin E (IgE) Instruction Manual

## SIPA440Po01

**Sus scrofa; Porcine (Pig)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Secreted
<b>Predicted Molecular Mass</b>	50.5kDa
<b>Accurate Molecular Mass</b>	50kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Ser1~Lys424 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	7.9
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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SIQGPLVYPL TSCCKTGATS KTLGCLVRGY FPEPVTVTWD TGSLNSSTLT  
FPAVQDSSSS LYTVTSQVTI LGEWTNQKLT CSVAHAANTT IRTITGCTKN  
FTDPSLRFFY SSCDPHGDAQ ATIHLRCYIS GYTPGKMKVT WLVDGQEDRN  
LFSYTAPDQL EGKLASTYSE VNITQGQWAS QITYTCQVSY YGFIYEKHAL  
RCTAESEPRG VSAYLSPPTP LDLYVHKSPK LTCLVVDLAS SENVNLLWSR  
ENKGGVILPP PGPPVIKQF NGTFSATSTL PVNVSDWIEG EYYCNVTHP  
DLPKPILRSI SKGPGKRVTP EVYVLWSPDE LKKGRLTLC LIQNFFPADI  
SVLWLRNDAP VQADRHSTTR PHKASDSLPS FVYSRLVVS QSDWEQNKFA  
CEVIHEALPG SRTLQKEVSK NPGK
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## USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.  
Do not vortex.



